

# VCORE™

Controller  
Model VCORE



## CONTROL

Achieve greater performance and reliability of your system with VCore in control. VCore is a sleek yet powerful controller. This compact device can be programmed quickly to command any kiosk, exhibit area, or subsystem.

### FEATURES:

- ▶ Easy Timeline Programming
- ▶ Recommended for up to 10 Devices
- ▶ Simple Touch Integration
- ▶ Ethernet Control w/ POE
- ▶ Real-time Clock
- ▶ DIN Rail Mountable

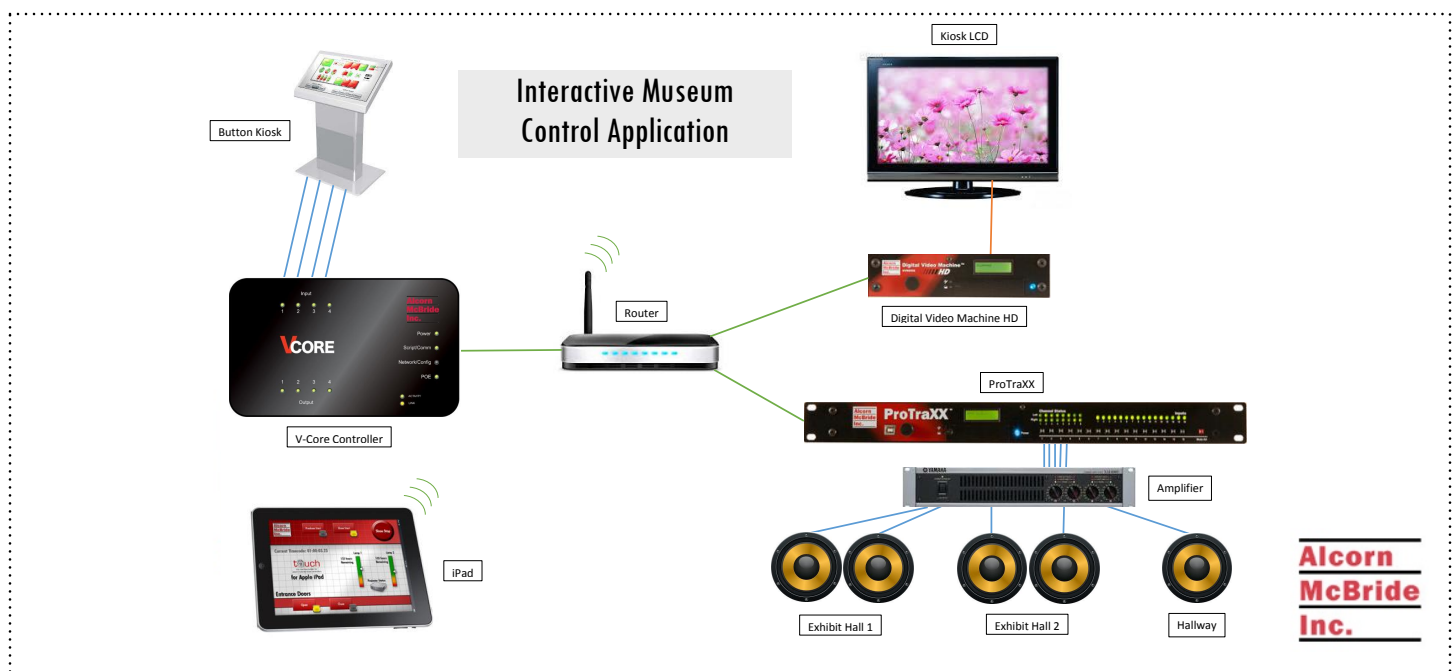
### APPLICATIONS:

- ▶ Museum Exhibits
- ▶ Kiosks
- ▶ Retail Store
- ▶ Subsystems
- ▶ Simulation Environments
- ▶ Tour Vehicles

Systems of all sizes need a robust controller to maximize efficiency. VCore can control up to ten devices and provides the same rock solid performance synonymous with the Alcorn McBride brand. VCore's form factor is unlike anything on the market. Weighing only three pounds, the sleek looking VCore is compact yet contains many of the high level features of the larger V Series controllers: Ethernet, real-time clock scheduler, incoming message processing, online programming interface, touch panel integration, and much more.

Program VCore with Timeline in minutes. Timeline offers a flexible way to program events and supports hundreds of time-based and event-based sequences and hundreds of timelines. This product also works seamlessly with Touch software to create customizable user interfaces. Touch software runs on ShowTouch hardware, available in 7", 10", and 17" models, or any iOS device.

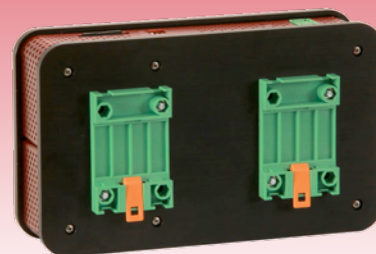
Put VCore in command of your system for solid, reliable, superior control that will outlast the life of its application.



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McBride  
Inc.**

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## PRODUCT SPECIFICATIONS

|                        |   |
|------------------------|---|
| Front:                 | Power LED<br>Script Status LED (SD read, external device status)<br>IP/Configuration LED (DHCP, valid IP; other config)<br>Power-over-Ethernet (POE) LED<br>(2) Ethernet Status LED's (Link, Activity)<br>(4) Input Status LEDs<br>(4) Output Status LEDs                                     |
| Rear:                  | Mounting for standard 35mm Din Rail   |
| Side Panel(s):         | USB 2.0 Type B (Programming Port)<br>RJ-45 (Ethernet)<br>4 Position DIP Switch: DHCP, CC/Voltage, Settings Reset, Backlight on/off<br>Removable SD Card for Script Storage (currently 4GB)<br>(1) Serial Port 3 pin phoenix style   |
| Serial Port:           | (1) RS-232C; 300 baud - 115.2 Kbaud, 7, 8, or 9 Data Bits, 1 or 2 Stop Bits, All parity types   |
| Network:               | (1) 10/100 Base-T Ethernet<br>Supports hundreds of networked device protocols<br>UDP<br>Ethernet IP Client, native CIP<br>TCP Client, TCP Server, ModBus TCP<br>HTTP; Custom web pages, FTP server<br>DHCP, NTP, SMTP Client<br>Compatible with ShowTouch 7", 10", 17", and ShowTouch for iOS |
| Digital Inputs:        | (4); Input voltage range 5-24 VDC, 5 mA maximum<br>Hardware protected against misconfiguration<br>Trigger latency < 1 frame   |
| Relay Outputs:         | (4); Contact closures limited internally to 900 mA<br>Self-restoring polymer fuses  |
| Size:                  | 8" W x 4.75" H x 2" D (20.32 cm W x 12.07 cm H x 5.08 cm D), 2RU  |
| Operating Temperature: | 0°C (32°F) to 38°C (100°F) 0-90% Relative Humidity  |
| Weight:                | 3 lbs. (1.4 Kg)   |
| Operating Environment: | 0-90% relative humidity, non-condensing   |
| Power Options:         | Power-over-Ethernet (POE) capable; or AC Adapter  |
| AC Adapter Included:   | 100 to 250 VAC, 50 to 60 Hz, 20W maximum (CE, UL, CSA, CCC, WEEE, RoHS Compliant)   |

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